

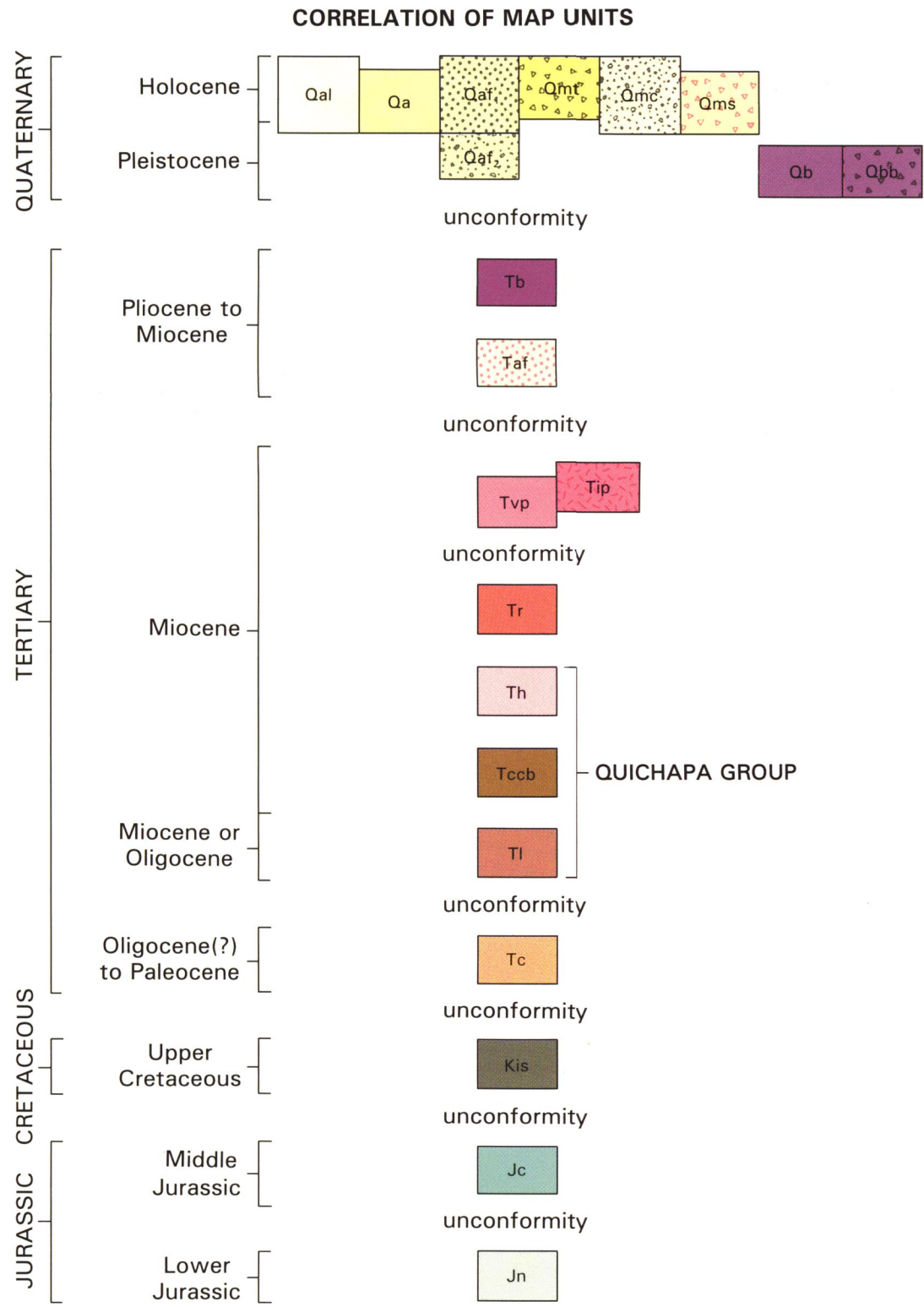
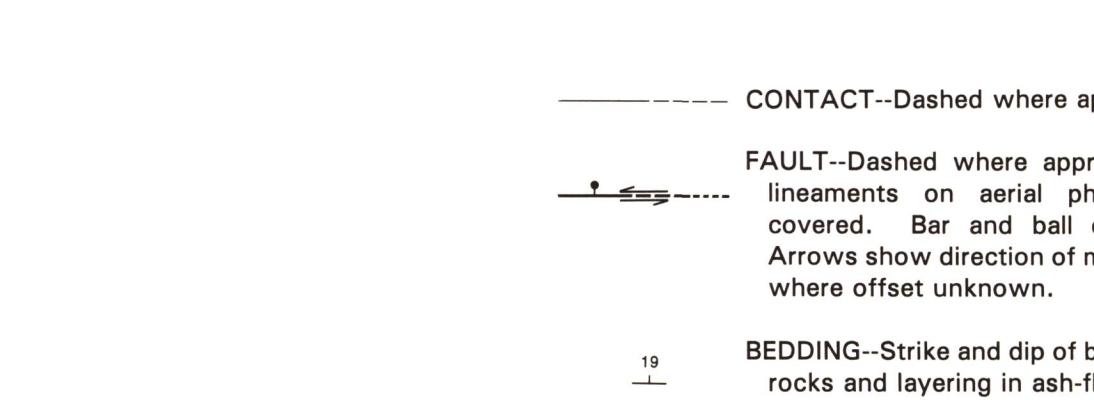
GEOLOGIC MAP OF THE NEW HARMONY
QUADRANGLE, WASHINGTON COUNTY, UTAH

by
S. KERRY GRANT

1995

1	2	3	1 Page Ranch
2	3	4	2 Spaulding Mountain
3	4	5	3 Kanabaville
4	5	6	4 Crane Valley
5	6	7	5 Kolob Arch
6	7	8	6 Signal Peak
7	8		7 Pioneers
8			8 Smith Mesa

ADJOINING 7.5' QUADRANGLE NAMES



SYSTEM AND SERIES	UNIT	SYMBOL	THICKNESS feet, (meters)	LITHOLOGY
QUATERNARY	Holocene		0-200 (60)	
	Pleistocene			
	Younger basalt flows	Qb	300+ (90)	
	Basaltic breccia	Qbb	300+ (90)	
	Older basalt flows	Tb	200 (60)	
	Oldest alluvial-fan deposits	Taf	400+ (120)	
TERTIARY	Pliocene to Miocene(?)			
	Monzonite of the Pine Valley Mountains	Tip	1000 (300)	
	Pine Valley Latite	Tvp	1700 (520)	
	Rencher Formation	Tr	500+ (150)	
	Quichapa Group			
	Harmony Hills Tuff	Th	240 (70)	
CRETACEOUS	Miocene or Oligocene			
	Bauers Tuff Mbr. of Condor Cyn. Fm.	Tccb	200 (60)	
	Leach Canyon Formation	Tl	250 (75)	
	Oligocene(?) to Paleocene			
	Claron Formation	Tc	400-500 (120-150)	
	Iron Springs Formation	Kis	3800 (1160)	
JURASSIC	Middle			
	Lower			
	Carmel Formation	Jc	800 (240)	
	Navajo Sandstone	Jn	500+ (150)	

